

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): VAN SCHAIK et al.

Appln. No.: 09

Series Code ↑

988,830

Serial No.

Filed: November 19, 2001  
 Mail Stop Non-Fee Amendment  
 Hon. Commissioner for Patents  
 PO Box 1450  
 Alexandria, VA 22313-1450

Sir:

REPLY/AMENDMENT/LETTER

Group A 2851  
 Examiner: Nguyen, Hung 2851  
 Atty. Dkt. P 284105 P-0294.000-US  
 M# Client Ref  
 Appln. Title: LITHOGRAPHIC PROJECTION  
 APPARATUS, DEVICE  
 MANUFACTURING METHOD, DEVICE  
 MANUFACTURED THEREBY,  
 CLEANING UNIT AND METHOD OF  
 CLEANING CONTAMINATED  
 OBJECTS  
 Date: May 15, 2003

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim							
A. <input checked="" type="checkbox"/> NOT made B. <input type="checkbox"/> Withdrawn C. <input type="checkbox"/> made herewith D. <input type="checkbox"/> made previously	For B & C See Required Separate Paper (Pat-256)		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	
						Additional Fee	
						Fee Code Lg/Sm	
2. Total Effective Claims	14	**minus	20	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	4	***minus	4	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)				add	+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: April 16, 2003	<input type="checkbox"/> NONE						
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo)	\$110/\$55 =	(2 mos)	\$410/\$205 =	+ \$110		115/215
	(3 mos)	\$930/\$465 =	(4 mos)	\$1,450/\$725=			116/216
	(5 mos)	\$1,970/\$985=					117/217
							118/218
							128/228
7. Enter any previous extension fee paid since above original due date and subtract			- \$0				
8.					Extension Fee	+ \$110	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee					+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c), or if Rule 97(d) Request			add	+ \$180	+ \$0	126	
			add	+ \$180	+ \$0	126	
11. After-Final Request Fee per rules 129(a) and 17(r)					+ \$750/370	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b)					x \$750/375 ea	+ \$0	149/249
13. Request for Continued Examination (RCE)					+ \$750/375	+ \$0	1179/1279
14. Petition fee for					+ \$0		
15.					TOTAL FEE =	\$110	
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".							PLEASE CHARGE OUR DEP. ACCT
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.							
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.							

Our Deposit Account No. 03-3975)  
 (Our Order No. 81468 284105  
 C# M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
 Intellectual Property Group

By Atty: Robert C. Perez

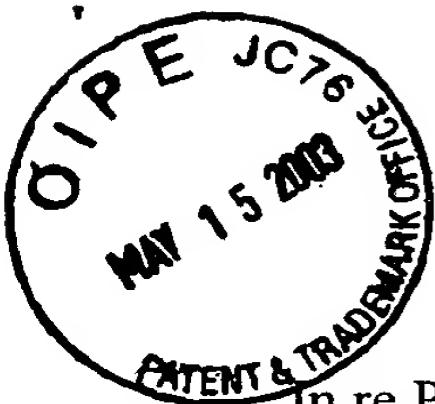
Reg. No. 39,328

Sig:

Fax: (703) 905-2500  
 Tel: (703) 905-2159

Atty/Sec: RP/VVK

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

VAN SCHAIK et al.

Appln. No.: 09/988,830

Filed: November 19, 2001

Title: LITHOGRAPHIC PROJECTION APPARATUS, DEVICE MANUFACTURING METHOD, DEVICE MANUFACTURED THEREBY, CLEANING UNIT AND METHOD OF CLEANING CONTAMINATED OBJECTS

Confirmation No.: 8828

Group Art Unit: 2851

Examiner: Nguyen, Hung

*See OK*

May 15, 2003

\* \* \* \* \*

AMENDMENT

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 16, 2003, please enter the following amendments and remarks

IN THE SPECIFICATION:

Please amend paragraph [0038] as follows:

The beam PB subsequently intercepts the mask MA which is held on a mask table MT. Having been selectively reflected by the mask MA, the beam PB traverses the lens PL, which focuses the beam PB onto an exposure area C of the substrate W. With the aid of the interferometric displacement measuring means IF, the substrate table WT can be moved accurately by the second positioning means, e.g. so as to position different exposure areas C in the path of the beam PB using wafer alignment marks P1, P2. Similarly, the first positioning means can be used to accurately position the mask MA using mask alignment marks M1, M2 with respect to the path of the beam PB. In general, movement of the object tables MT, WT will be realized with the aid of a long-stroke module (course positioning) and a short-stroke module (fine positioning), which are not explicitly depicted in Figure 1. In the case of a waferstepper (as opposed to a step-and-scan apparatus) the mask table may be

05/16/2003 HABDEL1 00000041 033975  
09988830  
110.00 CH  
01 FC:1251